

FIG.2

BEST AVAILABLE COPY

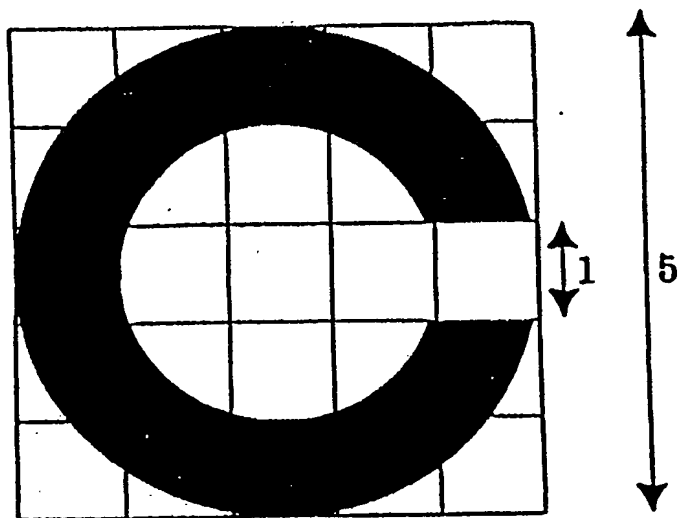


FIG.3

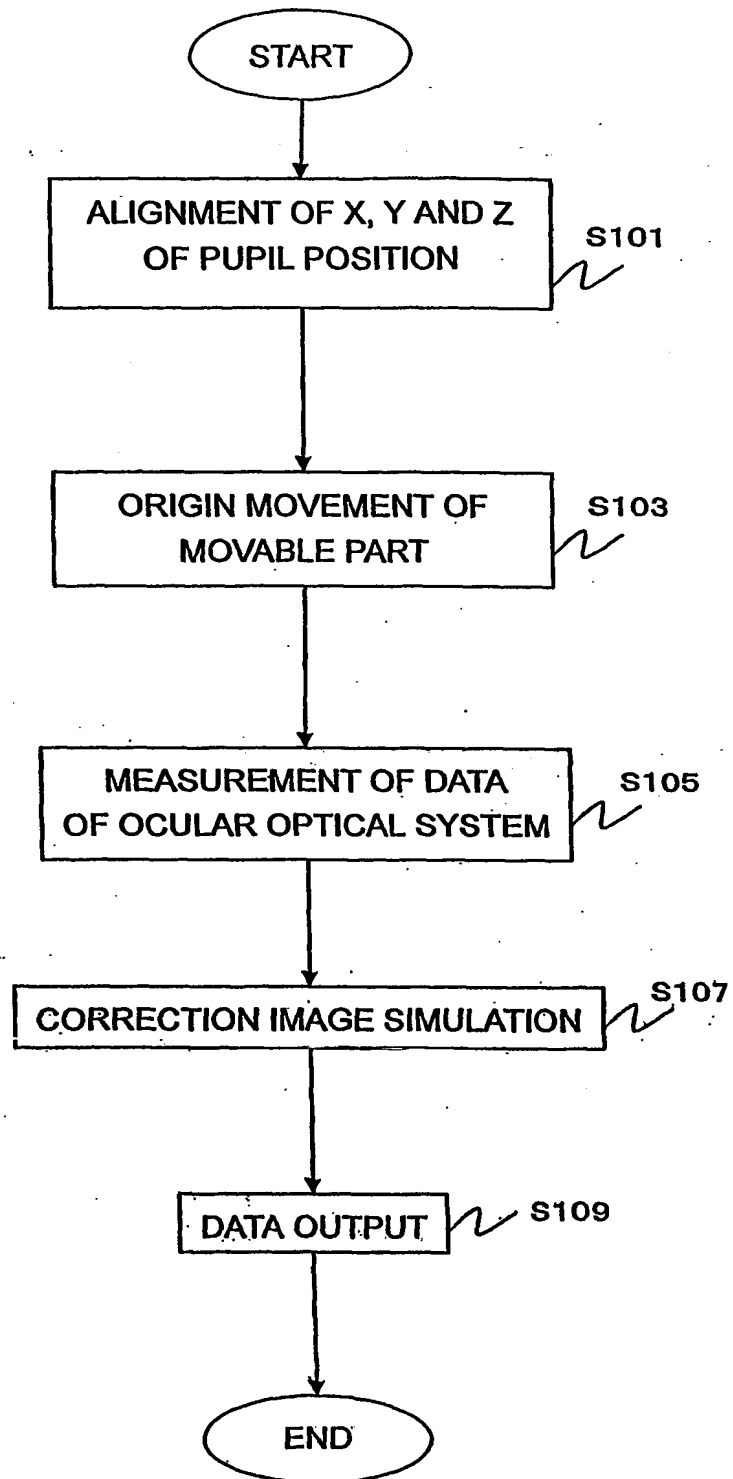


FIG.4

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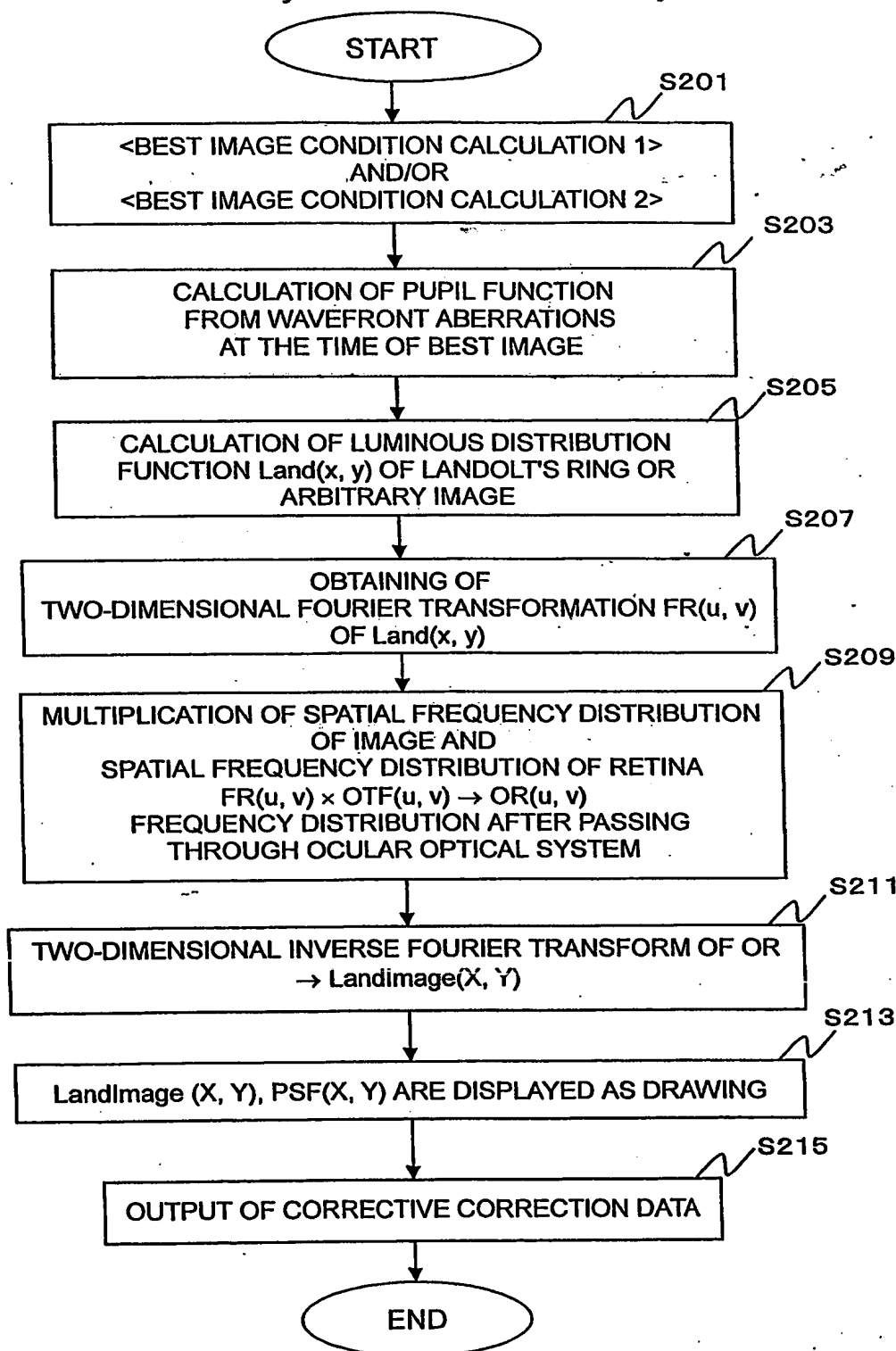


FIG.5

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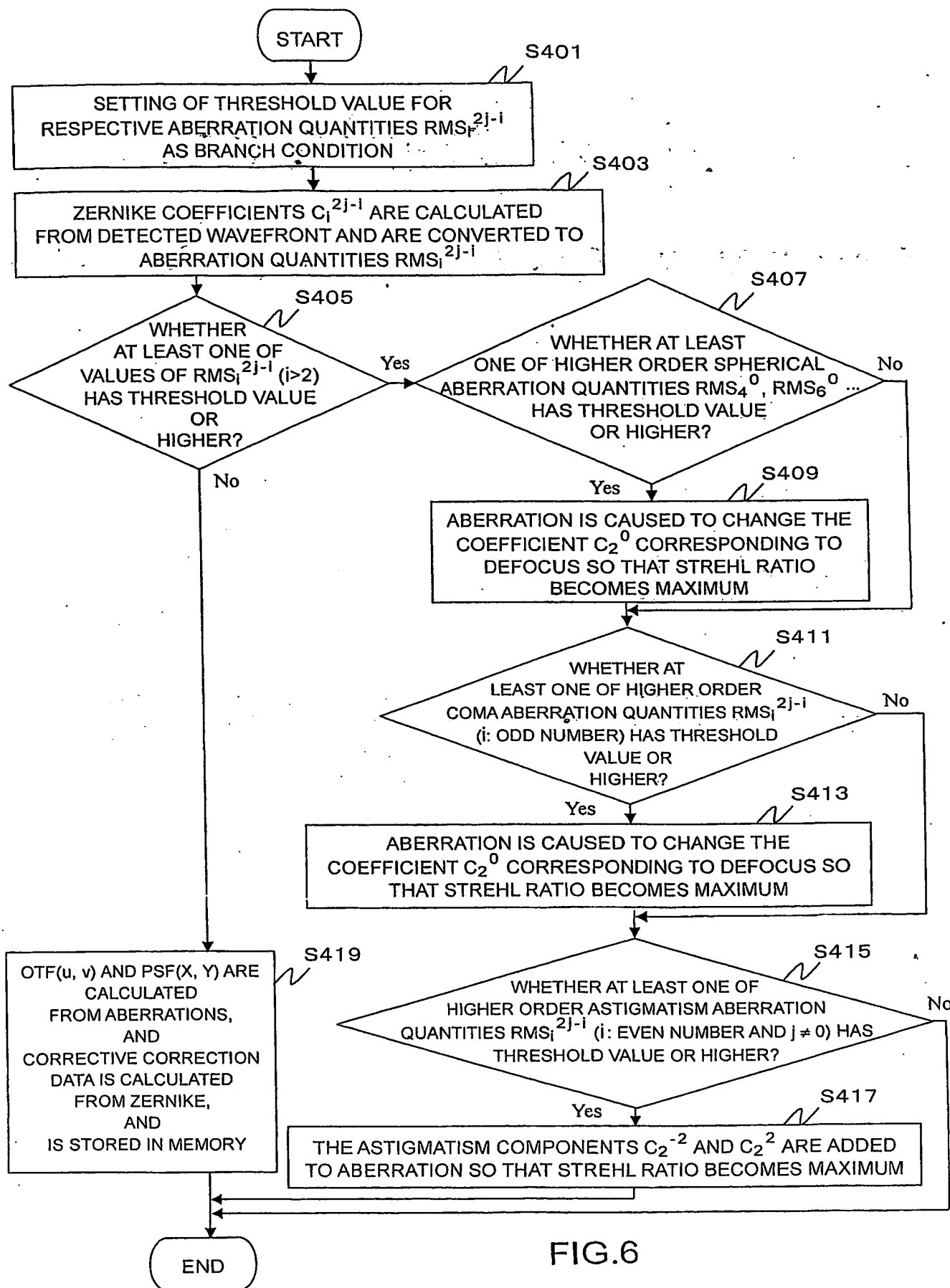


FIG.6

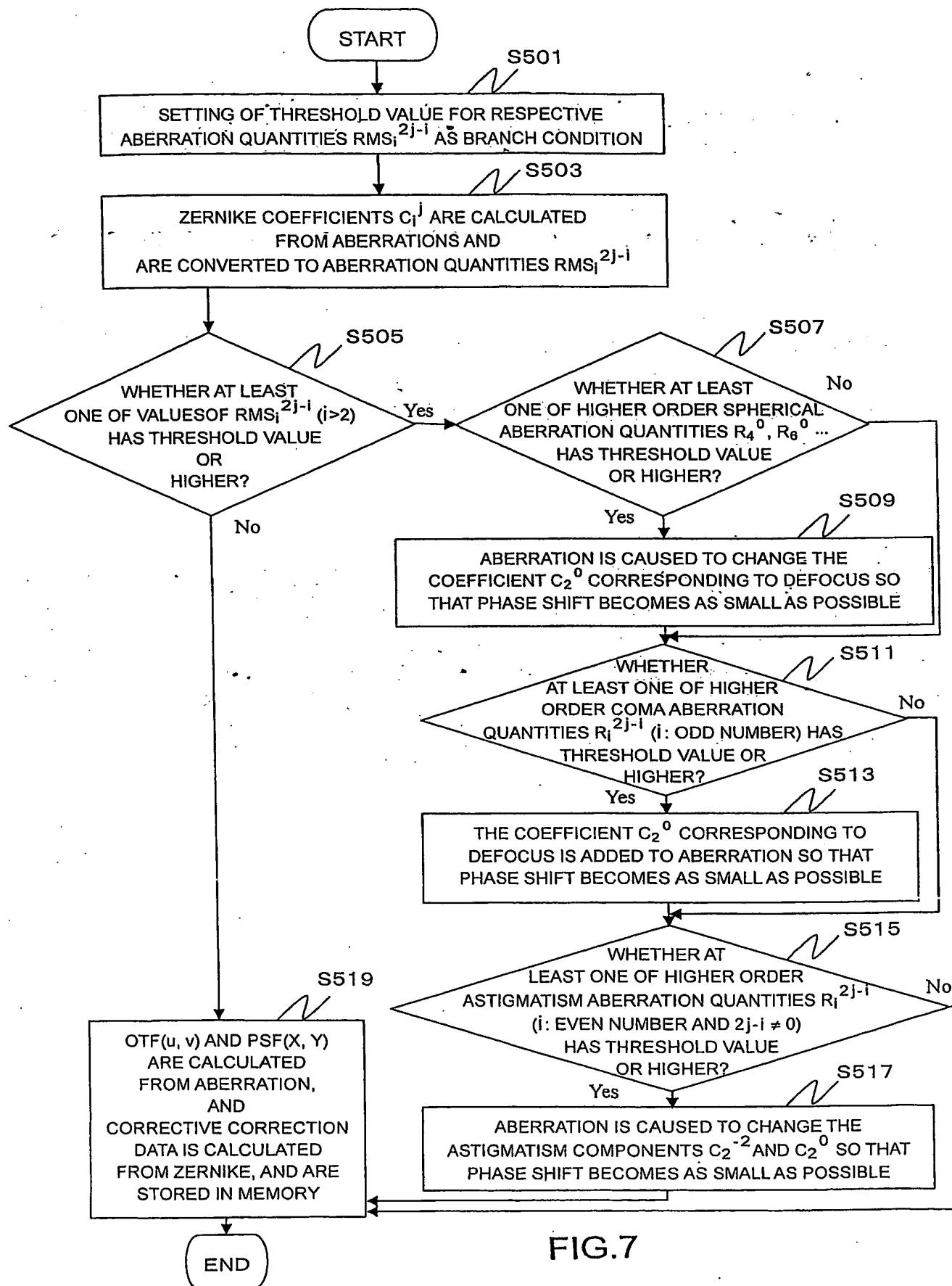


FIG. 7

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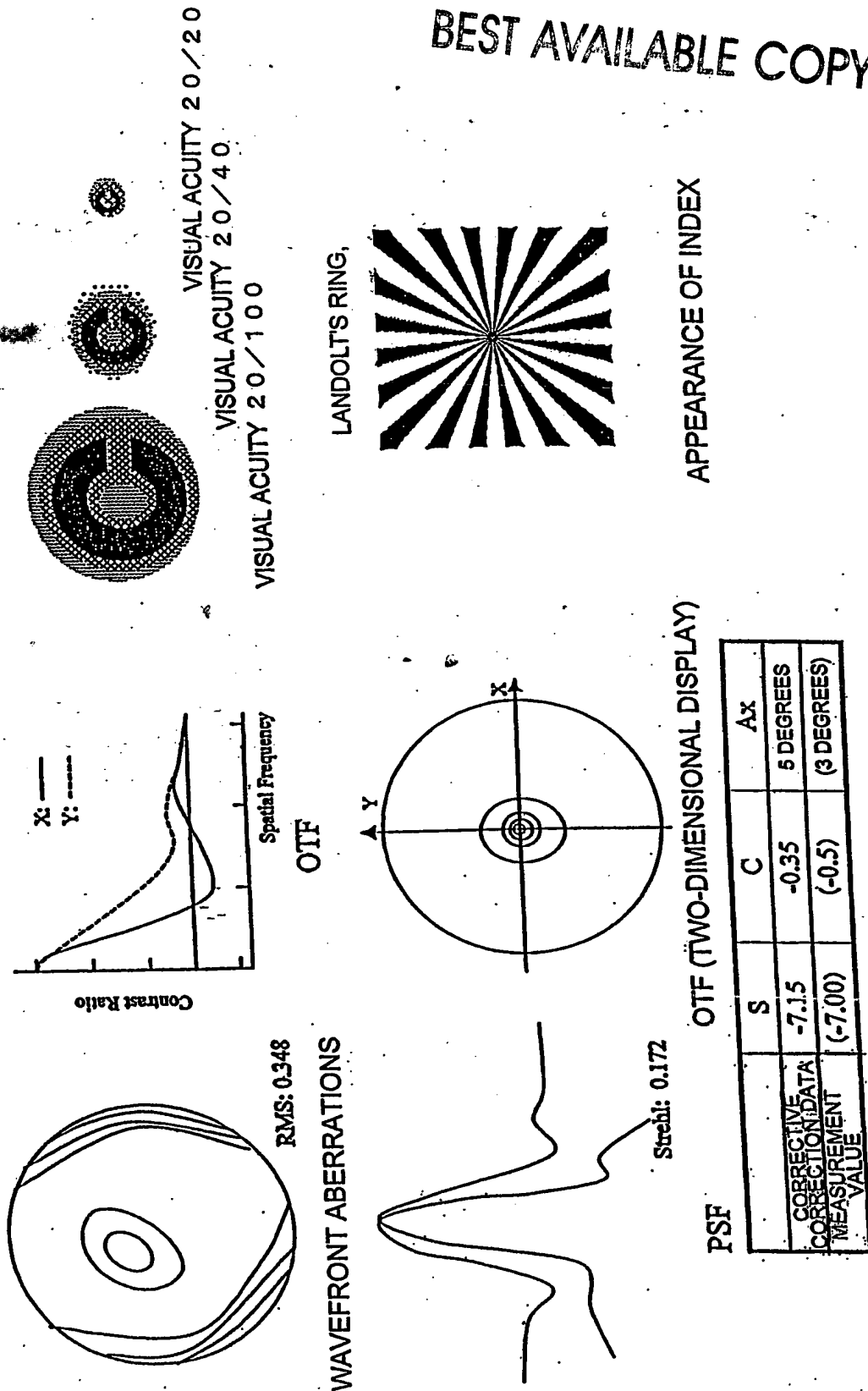


FIG.8

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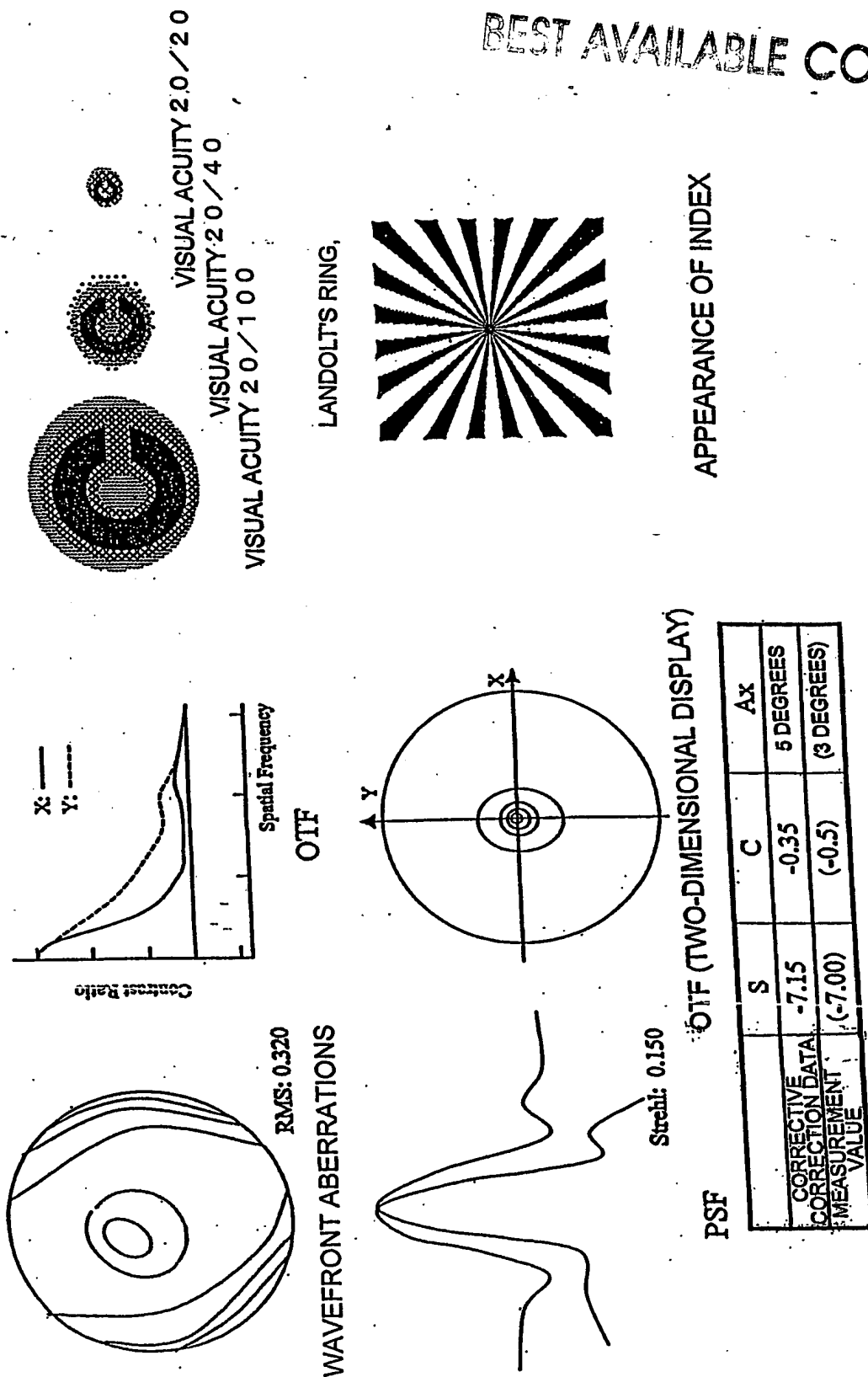


FIG.9

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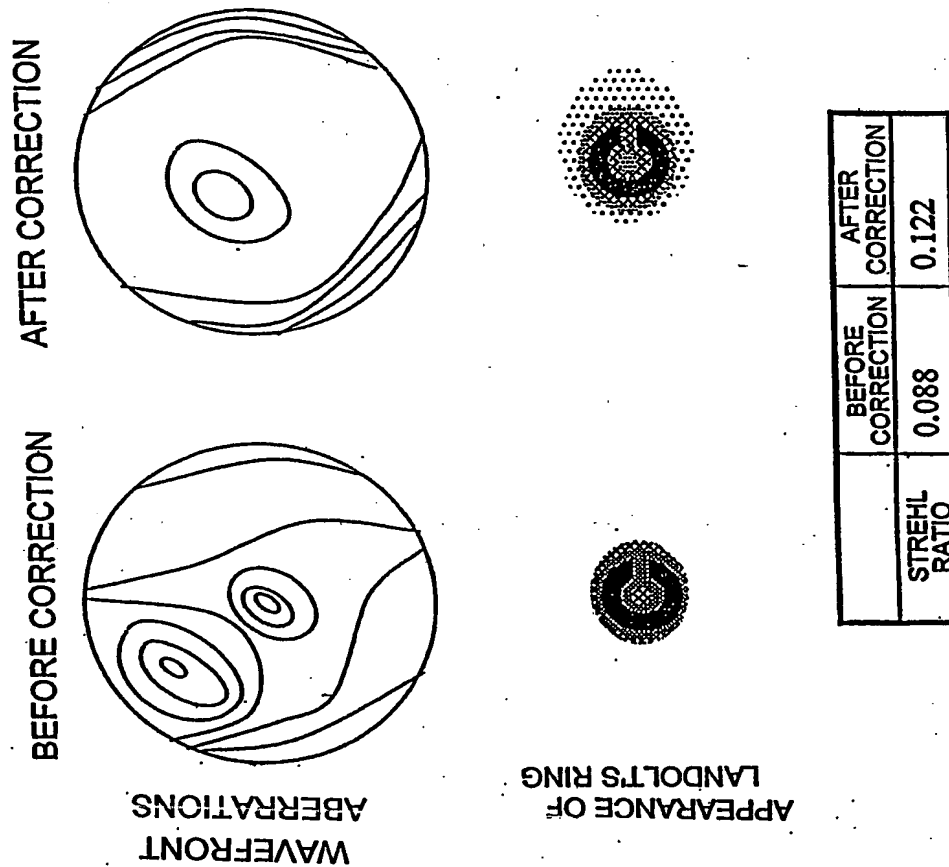


FIG.10

PRESCRIPTION DATA FOR EYEGLASSES OR CONTACT LENSES (BRIGHT FIELD)

	CORRECTION DATA	CORRECTIVE CORRECTION DATA
S	-7.00	-7.15
C	-0.5	-0.35
A	3	5
S/REHL RATIO	0.088	0.122

FIG.11

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PRESCRIPTION DATA FOR REFRACTION SURGICAL OPERATION (BRIGHT FIELD)

	ESTIMATED VALUE	CORRECTIVE CORRECTION DATA	AFTER CORRECTIVE CORRECTION
S	-7.00	-7.15	-0.15
C	-0.5	-0.35	-0.15
A	3	5	4
HIGHER ORDER SPHERICAL ABERRATIONS	0.125		0.280
HIGHER ORDER ASTIGMATISM ABERRATIONS	0.105		0.125
HIGHER ORDER COMA ABERRATIONS	0.085		0.090
STREHL RATIO	0.088	0.252 (IDEAL VALUE)	0.198

FIG.12

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$i \ 2j - i$		
0	0	1
1	-1	$r \sin(t)$
1	1	$\cos(t) r$
2	-2	$r^2 \sin(2t)$
2	0	$2r^2 - 1$
2	2	$r^2 \cos(2t)$
3	-3	$r^3 \sin(3t)$
3	-1	$(3r^3 - 2r) \sin(t)$
3	1	$(3r^3 - 2r) \cos(t)$
3	3	$r^3 \cos(3t)$
4	-4	$r^4 \sin(4t)$
4	-2	$(4r^4 - 3r^2) \sin(2t)$
4	0	$6r^4 - 6r^2 + 1$
4	2	$(4r^4 - 3r^2) \cos(2t)$
4	4	$r^4 \cos(4t)$
5	-5	$r^5 \sin(5t)$
5	-3	$(5r^5 - 4r^3) \sin(3t)$
5	-1	$(10r^5 - 12r^3 + 3r) \sin(t)$
5	1	$(10r^5 - 12r^3 + 3r) \cos(t)$
5	3	$(5r^5 - 4r^3) \cos(3t)$
5	5	$r^5 \cos(5t)$
6	-6	$r^6 \sin(6t)$
6	-4	$(6r^6 - 5r^4) \sin(4t)$
6	-2	$(15r^6 - 20r^4 + 6r^2) \sin(2t)$
6	0	$20r^6 - 30r^4 + 12r^2 - 1$
6	2	$(15r^6 - 20r^4 + 6r^2) \cos(2t)$
6	4	$(6r^6 - 5r^4) \cos(4t)$
6	6	$r^6 \cos(6t)$

FIG.13

i	2j-i	
0	0	1
1	-1	y
1	1	x
2	-2	2yx
2	0	2x ² +2y ² -1
2	2	x ² -y ²
3	-3	3yx ² -y ³
3	-1	3yx ² +3y ³ -2y
3	1	3x ³ +3xy ² -2x
3	3	x ³ -3xy ²
4	-4	4yx ³ -4y ³ x
4	-2	8yx ³ +8y ³ x-6yx
4	0	6x ⁴ +12x ² y ² +6y ⁴ -6x ² -6y ² +1
4	2	4x ⁴ -4y ⁴ -3x ² +3y ²
4	4	x ⁴ -6x ² y ² +y ⁴
5	-5	5yx ⁴ -10y ³ x ² +y ⁵
5	-3	15yx ⁴ +10y ³ x ² -5y ⁵ -12yx ² +4y ³
5	-1	10yx ⁴ +20y ³ x ² +10y ⁵ -12yx ² -12y ³ +3y
5	1	10x ⁵ +20x ³ y ² +10xy ⁴ -12x ³ -12xy ² +3x
5	3	5x ⁵ -10x ³ y ² -15xy ⁴ -4x ³ +12xy ²
5	5	x ⁵ -10x ³ y ² +5xy ⁴
6	-6	6yx ⁵ -20y ³ x ³ +6y ⁵ x
6	-4	24yx ⁵ -24y ⁵ x-20yx ³ +20y ³ x
6	-2	30yx ⁵ +60y ³ x ³ +30y ⁵ x-40yx ³ -40y ³ x+12yx
6	0	20x ⁶ +60x ⁴ y ² +60x ² y ⁴ +20y ⁶ -30x ⁴ -60x ² y ² -30y ⁴ +12x ² +12y ² -1
6	2	15x ⁶ +15x ⁴ y ² -15x ² y ⁴ -15y ⁶ -20x ⁴ +20y ⁴ +6x ² -6y ²
6	4	6x ⁶ -30x ⁴ y ² -30x ² y ⁴ +6y ⁶ -5x ⁴ +30x ² y ² -5y ⁴
6	6	x ⁶ -15x ⁴ y ² +15x ² y ⁴ -y ⁶

FIG.14